

Yan-Kai Xia

List of Publications by Year in descending order

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Version: 2024-02-01

286
papers

8,970
citations

43973

48
h-index

85405

71
g-index

304
all docs

304
docs citations

304
times ranked

12086
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical significance and molecular annotation of cellular morphometric subtypes in lower-grade gliomas discovered by machine learning. <i>Neuro-Oncology</i> , 2023, 25, 68-81.	0.6	18
2	Environmental chemical exposure dynamics and machine learning-based prediction of diabetes mellitus. <i>Science of the Total Environment</i> , 2022, 806, 150674.	3.9	28
3	Effects of glufosinate-ammonium on male reproductive health: Focus on epigenome and transcriptome in mouse sperm. <i>Chemosphere</i> , 2022, 287, 132395.	4.2	5
4	Association between ambient particulate matter exposure and semen quality in fertile men. <i>Environmental Health</i> , 2022, 21, 16.	1.7	23
5	Prothioconazole induces cell cycle arrest by up-regulation of EIF4EBP1 in extravillous trophoblast cells. <i>Archives of Toxicology</i> , 2022, 96, 559-570.	1.9	5
6	Semen quality and sperm DNA methylation in relation to long-term exposure to air pollution in fertile men: A cross-sectional study. <i>Environmental Pollution</i> , 2022, 300, 118994.	3.7	17
7	Association of Maternal Dietary Patterns during Gestation and Offspring Neurodevelopment. <i>Nutrients</i> , 2022, 14, 730.	1.7	12
8	Associations between PM2.5 exposure and infant growth: A mediation analysis of oral microbiota. <i>Science of the Total Environment</i> , 2022, 823, 153688.	3.9	7
9	Associations between the Maternal Exposome and Metabolome during Pregnancy. <i>Environmental Health Perspectives</i> , 2022, 130, 37003.	2.8	15
10	A metabolomic study on the effect of prenatal exposure to Benzophenone-3 on spontaneous fetal loss in mice. <i>Ecotoxicology and Environmental Safety</i> , 2022, 233, 113347.	2.9	6
11	Exposure to multiple trace elements and miscarriage during early pregnancy: A mixtures approach. <i>Environment International</i> , 2022, 162, 107161.	4.8	23
12	Assessing maternal thyroid function and its relationship to duration of the first stage of labor. <i>European Thyroid Journal</i> , 2022, 11, .	1.2	2
13	Simultaneous determination of 16 urinary metabolites of organophosphate flame retardants and organophosphate pesticides by solid phase extraction and ultra performance liquid chromatography coupled to tandem mass spectrometry. <i>Chemosphere</i> , 2022, 300, 134585.	4.2	8
14	Preimplantation triclosan exposure alters uterine receptivity through affecting tight junction protein. <i>Biology of Reproduction</i> , 2022, 107, 349-357.	1.2	2
15	Association between triclosan exposure and obesity measures among 7-year-old children in northern China. <i>Ecotoxicology and Environmental Safety</i> , 2022, 239, 113610.	2.9	4
16	Human X chromosome exome sequencing identifies <i>BCORL1</i> as contributor to spermatogenesis. <i>Journal of Medical Genetics</i> , 2021, 58, 56-65.	1.5	13
17	Relationships between gut microbiota, plasma glucose and gestational diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2021, 12, 641-650.	1.1	29
18	Associations of maternal exposure to fine particulate matter constituents during pregnancy with Apgar score and duration of labor: A retrospective study in Guangzhou, China, 2012–2017. <i>Chemosphere</i> , 2021, 273, 128442.	4.2	1

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19	Immunity and coagulation and fibrinolytic processes may reduce the risk of severe illness in pregnant women with coronavirus disease 2019. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 393.e1-393.e25.	0.7	9
20	Multiple 'omics'-analysis reveals the role of prostaglandin E2 in Hirschsprung's disease. <i>Free Radical Biology and Medicine</i> , 2021, 164, 390-398.	1.3	6
21	Antagonistic effect of early stage zinc on arsenic toxicity induced preterm birth during pregnancy: evidence from a rural Bangladesh birth cohort. <i>Chinese Medical Journal</i> , 2021, 134, 619-621.	0.9	4
22	Assisted reproductive technology and birth defects in a Chinese birth cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 7, 100090.	1.3	24
23	Differences of blood cells, lymphocyte subsets and cytokines in COVID-19 patients with different clinical stages: a network meta-analysis. <i>BMC Infectious Diseases</i> , 2021, 21, 156.	1.3	20
24	Recent Advances of MicroRNAs, Long Non-coding RNAs, and Circular RNAs in Preeclampsia. <i>Frontiers in Physiology</i> , 2021, 12, 659638.	1.3	12
25	Child marriage, maternal serum metal exposure, and risk of preterm birth in rural Bangladesh: evidence from mediation analysis. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 571-580.	1.8	12
26	Gut microbiome and resistome changes during the first wave of the COVID-19 pandemic in comparison with pre-pandemic travel-related changes. <i>Journal of Travel Medicine</i> , 2021, 28, .	1.4	14
27	Gestational diabetes mellitus is associated with the neonatal gut microbiota and metabolome. <i>BMC Medicine</i> , 2021, 19, 120.	2.3	44
28	Exploration of the developmental toxicity of TCS and PFOS to zebrafish embryos by whole-genome gene expression analyses. <i>Environmental Science and Pollution Research</i> , 2021, 28, 56032-56042.	2.7	7
29	Association between mercury exposure and thyroid hormones levels: A meta-analysis. <i>Environmental Research</i> , 2021, 196, 110928.	3.7	10
30	Thirdhand cigarette smoke leads to age-dependent and persistent alterations in the cecal microbiome of mice. <i>MicrobiologyOpen</i> , 2021, 10, e1198.	1.2	3
31	Effects of exposure to urban particulate matter SRM 1648a during pregnancy on the neurobehavioral development of offspring mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112142.	2.9	8
32	Genetic background influences the effect of thirdhand smoke exposure on anxiety and memory in Collaborative Cross mice. <i>Scientific Reports</i> , 2021, 11, 13285.	1.6	6
33	Association of assisted reproductive technology, germline de novo mutations and congenital heart defects in a prospective birth cohort study. <i>Cell Research</i> , 2021, 31, 919-928.	5.7	26
34	Enhancer RNA Inc-CES1-1 inhibits decidual cell migration by interacting with RNA-binding protein FUS and activating PPARI ³ in URPL. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 104-112.	2.3	11
35	Metagenomic Survey Reveals More Diverse and Abundant Antibiotic Resistance Genes in Municipal Wastewater Than Hospital Wastewater. <i>Frontiers in Microbiology</i> , 2021, 12, 712843.	1.5	6
36	Insight Into the Potential Value of Gut Microbial Signatures for Prediction of Gestational Anemia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 734561.	1.8	5

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37	Contribution of trace element exposure to gestational diabetes mellitus through disturbing the gut microbiome. <i>Environment International</i> , 2021, 153, 106520.	4.8	28
38	Evaluation of atrazine neurodevelopment toxicity in vitro-application of hESC-based neural differentiation model. <i>Reproductive Toxicology</i> , 2021, 103, 149-158.	1.3	14
39	Effects induced by polyethylene microplastics oral exposure on colon mucin release, inflammation, gut microflora composition and metabolism in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112340.	2.9	85
40	Gestational blood levels of toxic metal and essential element mixtures and associations with global DNA methylation in pregnant women and their infants. <i>Science of the Total Environment</i> , 2021, 787, 147621.	3.9	13
41	Effects of 2,2,4,4-tetrabromodiphenyl ether on the development of mouse embryonic stem cells. <i>Reproductive Toxicology</i> , 2021, 106, 18-24.	1.3	3
42	Environmental exposure during pregnancy and the risk of childhood allergic diseases. <i>World Journal of Pediatrics</i> , 2021, 17, 467-475.	0.8	8
43	Exposure and perception of PM2.5 pollution on the mental stress of pregnant women. <i>Environment International</i> , 2021, 156, 106686.	4.8	8
44	Gene variations in Autism Spectrum Disorder are associated with alternation of gut microbiota, metabolites and cytokines. <i>Gut Microbes</i> , 2021, 13, 1-16.	4.3	28
45	Host genetics and gut microbiota cooperatively contribute to azoxymethane-induced acute toxicity in Collaborative Cross mice. <i>Archives of Toxicology</i> , 2021, 95, 949-958.	1.9	6
46	Stress, anxiety, and depression in infertile couples are not associated with a first IVF or ICSI treatment outcome. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 725.	0.9	6
47	Glufosinate-Ammonium Induced Aberrant Histone Modifications in Mouse Sperm Are Concordant With Transcriptome in Preimplantation Embryos. <i>Frontiers in Physiology</i> , 2021, 12, 819856.	1.3	4
48	Prenatal low-dose DEHP exposure induces metabolic adaptation and obesity: Role of hepatic thiamine metabolism. <i>Journal of Hazardous Materials</i> , 2020, 385, 121534.	6.5	58
49	Systematic Analysis of Impact of Sampling Regions and Storage Methods on Fecal Gut Microbiome and Metabolome Profiles. <i>MSphere</i> , 2020, 5, .	1.3	37
50	The correlation between PM2.5 exposure and hypertensive disorders in pregnancy: A Meta-analysis. <i>Science of the Total Environment</i> , 2020, 703, 134985.	3.9	39
51	Developmental toxicity of disinfection by-product monohaloacetamides in embryo-larval stage of zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 110037.	2.9	29
52	Physical activity and blood pressure during pregnancy: Mediation by anxiety symptoms. <i>Journal of Affective Disorders</i> , 2020, 264, 376-382.	2.0	10
53	Metabolomics study and meta-analysis on the association between maternal pesticide exposome and birth outcomes. <i>Environmental Research</i> , 2020, 182, 109087.	3.7	33
54	Clinically applicable 53-Gene prognostic assay predicts chemotherapy benefit in gastric cancer: A multicenter study. <i>EBioMedicine</i> , 2020, 61, 103023.	2.7	9

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55	Association between phenols exposure and earlier puberty in children: A systematic review and meta-analysis. <i>Environmental Research</i> , 2020, 190, 110056.	3.7	9
56	Prenatal exposure to fine particles, premature rupture of membranes and gestational age: A prospective cohort study. <i>Environment International</i> , 2020, 145, 106146.	4.8	8
57	Prognostic value of an autophagy-related gene expression signature for endometrial cancer patients. <i>Cancer Cell International</i> , 2020, 20, 306.	1.8	12
58	Serum albumin mediates the effect of multiple per- and polyfluoroalkyl substances on serum lipid levels. <i>Environmental Pollution</i> , 2020, 266, 115138.	3.7	32
59	Alterations of gut microbiota composition in neonates conceived by assisted reproductive technology and its relation to infant growth. <i>Gut Microbes</i> , 2020, 12, 1794466.	4.3	9
60	Effect of endometrial thickness and embryo quality on live-birth rate of fresh IVF/ICSI cycles: a retrospective cohort study. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 89.	1.4	18
61	A Survey Study Reveals the Positive Impact of Oncofertility Knowledge and Attitude on Oncofertility Practice Among Oncologists in China. <i>Journal of Adolescent and Young Adult Oncology</i> , 2020, 10, 606-613.	0.7	3
62	The impact of prenatal exposure to PM2.5 on childhood asthma and wheezing: a meta-analysis of observational studies. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29280-29290.	2.7	26
63	Increased risk of gestational diabetes mellitus in women with higher prepregnancy ambient PM2.5 exposure. <i>Science of the Total Environment</i> , 2020, 730, 138982.	3.9	26
64	Linking key intervention timings to rapid declining effective reproduction number to quantify lessons against COVID-19. <i>Frontiers of Medicine</i> , 2020, 14, 623-629.	1.5	11
65	Alteration in gut microbiota is associated with dysregulation of cytokines and glucocorticoid therapy in systemic lupus erythematosus. <i>Gut Microbes</i> , 2020, 11, 1758-1773.	4.3	73
66	Effects of particulate matter exposure on semen quality: A retrospective cohort study. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110319.	2.9	31
67	Prospective study reveals a microbiome signature that predicts the occurrence of post-operative enterocolitis in Hirschsprung disease (HSCR) patients. <i>Gut Microbes</i> , 2020, 11, 842-854.	4.3	24
68	Prenatal exposure to glufosinate ammonium disturbs gut microbiome and induces behavioral abnormalities in mice. <i>Journal of Hazardous Materials</i> , 2020, 389, 122152.	6.5	25
69	Hypomethylation of PRDM1 is associated with recurrent pregnancy loss. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7072-7077.	1.6	10
70	Identifying a critical window of maternal metal exposure for maternal and neonatal thyroid function in China: A cohort study. <i>Environment International</i> , 2020, 139, 105696.	4.8	26
71	Altered gut microbial profile is associated with abnormal metabolism activity of Autism Spectrum Disorder. <i>Gut Microbes</i> , 2020, 11, 1246-1267.	4.3	166
72	Associations of Prenatal Exposure to Triclosan and Maternal Thyroid Hormone Levels: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 607055.	1.5	5

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73	Identification of crucial aberrantly methylated and differentially expressed genes related to cervical cancer using an integrated bioinformatics analysis. <i>Bioscience Reports</i> , 2020, 40, .	1.1	9
74	Effects of Microbiota on the Treatment of Obesity with the Natural Product Celastrol in Rats. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 747-763.	1.8	18
75	Association between exposure to particulate matter during pregnancy and birthweight: a systematic review and a metaanalysis of birth cohort studies. <i>Journal of Biomedical Research</i> , 2019, 33, 56.	0.7	11
76	Different cytotoxicity of disinfection by-product haloacetamides on two exposure pathway-related cell lines: Human gastric epithelial cell line GES-1 and immortalized human keratinocyte cell line HaCaT. <i>Science of the Total Environment</i> , 2019, 692, 1267-1275.	3.9	10
77	Evaluation of Maternal Exposure to PM _{2.5} and Its Components on Maternal and Neonatal Thyroid Function and Birth Weight: A Cohort Study. <i>Thyroid</i> , 2019, 29, 1147-1157.	2.4	48
78	Glycylglycine plays critical roles in the proliferation of spermatogonial stem cells. <i>Molecular Medicine Reports</i> , 2019, 20, 3802-3810.	1.1	1
79	Association of semenogelin (SEMG) gene variants in idiopathic male infertility in Chinese-Han population. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 928-934.	1.1	6
80	Metabolomics reveals the role of acetyl-L-carnitine metabolism in β -Fe ₂ O ₃ NP-induced embryonic development toxicity via mitochondria damage. <i>Nanotoxicology</i> , 2019, 13, 204-220.	1.6	17
81	Exposure to Titanium Dioxide Nanoparticles During Pregnancy Changed Maternal Gut Microbiota and Increased Blood Glucose of Rat. <i>Nanoscale Research Letters</i> , 2019, 14, 26.	3.1	43
82	Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy. <i>Environmental Research</i> , 2019, 172, 486-494.	3.7	21
83	Semen quality and cigarette smoking in a cohort of healthy fertile men. <i>Environmental Epidemiology</i> , 2019, 3, e055.	1.4	20
84	Association between exposure to a mixture of phenols, pesticides, and phthalates and obesity: Comparison of three statistical models. <i>Environment International</i> , 2019, 123, 325-336.	4.8	265
85	A cancer-testis non-coding RNA LIN28B-AS1 activates driver gene LIN28B by interacting with IGF2BP1 in lung adenocarcinoma. <i>Oncogene</i> , 2019, 38, 1611-1624.	2.6	61
86	Maternal pentachlorophenol exposure induces developmental toxicity mediated by autophagy on pregnancy mice. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 829-836.	2.9	18
87	Correction: Circular RNA ZNF609 functions as a competitive endogenous RNA to regulate AKT3 expression by sponging miR-150-5p in Hirschsprung's disease. <i>Oncotarget</i> , 2019, 10, 3313-3314.	0.8	5
88	Identification of two novel PCDHA9 mutations associated with Hirschsprung's disease. <i>Gene</i> , 2018, 658, 96-104.	1.0	6
89	Maternal air pollution exposure and preterm birth in Wuxi, China: Effect modification by maternal age. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 457-462.	2.9	44
90	Prenatal organophosphate insecticide exposure and infant sensory function. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 469-478.	2.1	23

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91	Aberrant expression of LncRNA-MIR31HG regulates cell migration and proliferation by affecting miR-31 and miR-31* in Hirschsprung's disease. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8195-8203.	1.2	30
92	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. <i>Gene</i> , 2018, 663, 83-87.	1.0	30
93	Long non-coding RNA LOC100507600 functions as a competitive endogenous RNA to regulate BMI1 expression by sponging miR128-1-3p in Hirschsprung's disease. <i>Cell Cycle</i> , 2018, 17, 459-467.	1.3	26
94	Short-term early exposure to thirdhand cigarette smoke increases lung cancer incidence in mice. <i>Clinical Science</i> , 2018, 132, 475-488.	1.8	30
95	Prenatal exposure to maternal smoking during pregnancy and attention-deficit/hyperactivity disorder in offspring: A meta-analysis. <i>Reproductive Toxicology</i> , 2018, 76, 63-70.	1.3	66
96	Identification of candidate genes for necrotizing enterocolitis based on microarray data. <i>Gene</i> , 2018, 661, 152-159.	1.0	11
97	The association between cooking oil fume exposure during pregnancy and birth weight: A prospective mother-child cohort study. <i>Science of the Total Environment</i> , 2018, 612, 822-830.	3.9	14
98	Change in circulating microRNA profile of obese children indicates future risk of adult diabetes. <i>Metabolism: Clinical and Experimental</i> , 2018, 78, 95-105.	1.5	103
99	Effects of particulate matter exposure during pregnancy on birth weight: A retrospective cohort study in Suzhou, China. <i>Science of the Total Environment</i> , 2018, 615, 369-374.	3.9	29
100	Metabolic changes associated with papillary thyroid carcinoma: A nuclear magnetic resonance-based metabolomics study. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3006-3014.	1.8	24
101	miR-96-5p and miR-101-3p as potential intervention targets to rescue TiO ₂ -NP-induced autophagy and migration impairment of human trophoblastic cells. <i>Biomaterials Science</i> , 2018, 6, 3273-3283.	2.6	25
102	Growth patterns from birth to 24 months in Chinese children: a birth cohorts study across China. <i>BMC Pediatrics</i> , 2018, 18, 344.	0.7	10
103	The enhancer RNA Inc-SLC4A1-1 epigenetically regulates unexplained recurrent pregnancy loss (URPL) by activating CXCL8 and NF- κ B pathway. <i>EBioMedicine</i> , 2018, 38, 162-170.	2.7	85
104	Elevated microRNA-141-3p in placenta of non-diabetic macrosomia regulate trophoblast proliferation. <i>EBioMedicine</i> , 2018, 38, 154-161.	2.7	13
105	Endoplasmic reticulum stress mediates inflammatory response triggered by ultra-small superparamagnetic iron oxide nanoparticles in hepatocytes. <i>Nanotoxicology</i> , 2018, 12, 1198-1214.	1.6	30
106	Metabolomics Reveals Metabolic Changes Caused by Low-Dose 4-Tert-Octylphenol in Mice Liver. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2686.	1.2	16
107	Human mitochondrial DNA haplogroup M8a influences the penetrance of m.8684C>T in Han Chinese men with non-obstructive azoospermia. <i>Reproductive BioMedicine Online</i> , 2018, 37, 480-488.	1.1	2
108	Meconium microbiome associates with the development of neonatal jaundice. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e182.	1.3	26

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109	Titanium dioxide nanoparticles induce proteostasis disruption and autophagy in human trophoblast cells. <i>Chemico-Biological Interactions</i> , 2018, 296, 124-133.	1.7	26
110	Idiopathic male infertility is strongly associated with aberrant DNA methylation of imprinted loci in sperm: a case-control study. <i>Clinical Epigenetics</i> , 2018, 10, 134.	1.8	50
111	Growth patterns of infants aged 0 to 24 months in China: a multicentre prospective birth cohort study across China. <i>Lancet, The</i> , 2018, 392, S3.	6.3	0
112	Associations between maternal exposure to air pollution and birth outcomes: a retrospective cohort study in Taizhou, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21927-21936.	2.7	27
113	IGF2-derived miR-483-3p contributes to macrosomia through regulating trophoblast proliferation by targeting RB1CC1. <i>Molecular Human Reproduction</i> , 2018, 24, 444-452.	1.3	15
114	Lipopolysaccharide enhances <i>ADAR2</i> which drives Hirschsprung's disease by impairing miR-142a-3p biogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4045-4055.	1.6	12
115	Long non-coding <i>RNA FAL1</i> functions as a ceRNA to antagonize the effect of miR-637 on the down-regulation of <i>AKT1</i> in Hirschsprung's disease. <i>Cell Proliferation</i> , 2018, 51, e12489.	2.4	55
116	Association between Serum Vitamin Levels and Depression in U.S. Adults 20 Years or Older Based on National Health and Nutrition Examination Survey 2005-2006. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1215.	1.2	18
117	Carbon black suppresses the osteogenesis of mesenchymal stem cells: the role of mitochondria. <i>Particle and Fibre Toxicology</i> , 2018, 15, 16.	2.8	45
118	Meta-analysis on the effectiveness of team-based learning on medical education in China. <i>BMC Medical Education</i> , 2018, 18, 77.	1.0	63
119	Distribution and predictors of 20 toxic and essential metals in the umbilical cord blood of Chinese newborns. <i>Chemosphere</i> , 2018, 210, 1167-1175.	4.2	24
120	Integrated analysis of DNA methylome and transcriptome identified CREB5 as a novel risk gene contributing to recurrent pregnancy loss. <i>EBioMedicine</i> , 2018, 35, 334-344.	2.7	55
121	LncRNAs <i>KB1836B5</i> , <i>LINC00566</i> and <i>FAM27L</i> are associated with the survival time of patients with ovarian cancer. <i>Oncology Letters</i> , 2018, 16, 3735-3745.	0.8	5
122	Cortisol, cortisone, and 4-methoxyphenylacetic acid as potential plasma biomarkers for early detection of non-small cell lung cancer. <i>International Journal of Biological Markers</i> , 2018, 33, 314-320.	0.7	13
123	A multi-method evaluation of the effects of Inflammatory cytokines (<i>IL1β</i> , <i>IFNγ</i> , <i>TNFα</i>) on pancreatic β cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 9375-9382.	2.0	12
124	Exome-Wide Association Study Identified New Risk Loci for Hirschsprung's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 1777-1785.	1.9	12
125	Associations between urinary polycyclic aromatic hydrocarbon metabolites and serum testosterone in U.S. adult males: National Health and nutrition examination survey 2011-2012. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7607-7616.	2.7	12
126	Current pesticide profiles in blood serum of adults in Jiangsu Province of China and a comparison with other countries. <i>Environment International</i> , 2017, 102, 213-222.	4.8	43

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127	Early exposure to thirdhand cigarette smoke affects body mass and the development of immunity in mice. <i>Scientific Reports</i> , 2017, 7, 41915.	1.6	30
128	Mutations of <i>MYH14</i> are associated to anorectal malformations with recto-perineal fistulas in a small subset of Chinese population. <i>Clinical Genetics</i> , 2017, 92, 503-509.	1.0	13
129	Obesity aggravates toxic effect of BPA on spermatogenesis. <i>Environment International</i> , 2017, 105, 56-65.	4.8	38
130	Prenatal naled and chlorpyrifos exposure is associated with deficits in infant motor function in a cohort of Chinese infants. <i>Environment International</i> , 2017, 106, 248-256.	4.8	68
131	Neuronal ERK signaling in response to graphene oxide in nematode <i>Caenorhabditis elegans</i> . <i>Nanotoxicology</i> , 2017, 11, 520-533.	1.6	55
132	Phthalate metabolites related to infertile biomarkers and infertility in Chinese men. <i>Environmental Pollution</i> , 2017, 231, 291-300.	3.7	32
133	Metabolome-wide association study identified the association between a circulating polyunsaturated fatty acids variant rs174548 and lung cancer. <i>Carcinogenesis</i> , 2017, 38, 1147-1154.	1.3	21
134	Idiopathic male infertility and polymorphisms in the DNA methyltransferase genes involved in epigenetic marking. <i>Scientific Reports</i> , 2017, 7, 11219.	1.6	16
135	From the Cover: Metabolomics Reveals a Role of Betaine in Prenatal DBP Exposure-Induced Epigenetic Transgenerational Failure of Spermatogenesis in Rats. <i>Toxicological Sciences</i> , 2017, 158, 356-366.	1.4	38
136	Interaction between Y chromosome haplogroup O3* and 4-n-octylphenol exposure reduces the susceptibility to spermatogenic impairment in Han Chinese. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 450-455.	2.9	3
137	Cytoskeletons of Two Reproductive Germ Cell Lines Response Differently to Titanium Dioxide Nanoparticles Mediating Vary Reproductive Toxicity. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 409-416.	0.5	18
138	LncRNA AFAP1-AS Functions as a Competing Endogenous RNA to Regulate RAP1B Expression by sponging miR-181a in the HSCR. <i>International Journal of Medical Sciences</i> , 2017, 14, 1022-1030.	1.1	26
139	Developmental Neurotoxicity of Methamidophos in the Embryo-Larval Stages of Zebrafish. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 23.	1.2	21
140	Adverse Health Effects of Thirdhand Smoke: From Cell to Animal Models. <i>International Journal of Molecular Sciences</i> , 2017, 18, 932.	1.8	29
141	Seminal plasma metabolomics approach for the diagnosis of unexplained male infertility. <i>PLoS ONE</i> , 2017, 12, e0181115.	1.1	52
142	Circular RNA ZNF609 functions as a competitive endogenous RNA to regulate AKT3 expression by sponging miR-150-5p in Hirschsprung's disease. <i>Oncotarget</i> , 2017, 8, 808-818.	0.8	157
143	MicroRNA-939 inhibits cell proliferation via targeting LRSAM1 in Hirschsprung's disease. <i>Aging</i> , 2017, 9, 2471-2479.	1.4	22
144	The impact of BMI on sperm parameters and the metabolite changes of seminal plasma concomitantly. <i>Oncotarget</i> , 2017, 8, 48619-48634.	0.8	60

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145	Genistein up-regulates miR-20a to disrupt spermatogenesis via targeting Limk1. <i>Oncotarget</i> , 2017, 8, 58728-58737.	0.8	8
146	Mitochondrial DNA sequencing and large-scale genotyping identifies <i>MT-ND4</i> gene mutation m.11696G>A associated with idiopathic oligoasthenospermia. <i>Oncotarget</i> , 2017, 8, 52975-52982.	0.8	11
147	Downregulation of lncRNA MEG3 and miR-770-5p inhibit cell migration and proliferation in Hirschsprung's disease. <i>Oncotarget</i> , 2017, 8, 69722-69730.	0.8	20
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